

**What is claimed is:**

1. A friction resistant blade comprising a blade-shaped substrate base with an edge and a protective layer applied to said blade-shaped substrate.
- 5        2. The friction resistant blade of claim 1 wherein the protective layer is applied to at least the edge of the blade-shaped substrate.
3. The friction resistant blade of claim 1 wherein the protective layer comprises chromium.
- 10       4. The friction resistant blade of claim 1 wherein the protective layer is electroplated hard chrome.
5. The friction resistant blade of claim 1 wherein the blade-shaped substrate base comprises carbon strip steel, stainless steel, stainless alloy, bronze or monel.
- 15       6. The friction resistant blade of claim 1 wherein the edge is beveled.
7. The friction resistant blade of claim 1 wherein the edge is square.
8. A method of producing a friction resistant blade  
20 comprising applying a protective layer to a blade-shaped substrate base, said layer being applied to areas of the blade-shaped substrate which contact coatings used in papermaking, board coating, paper machine maintenance and printing applications.
- 25       9. The method of claim 8 wherein the protective layer comprises chromium.

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10. The method of claim 9 wherein the chromium is applied via electroplating.

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